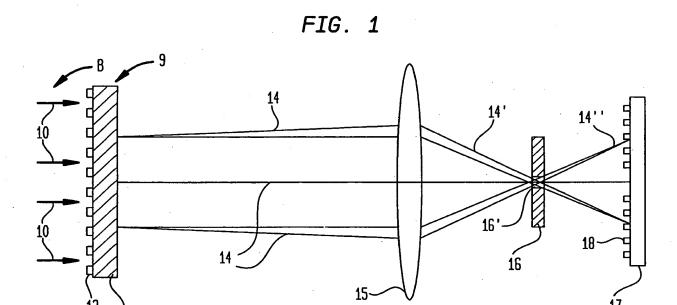
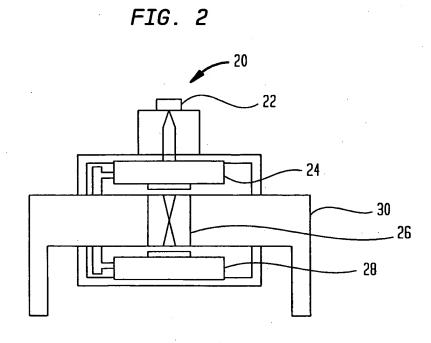


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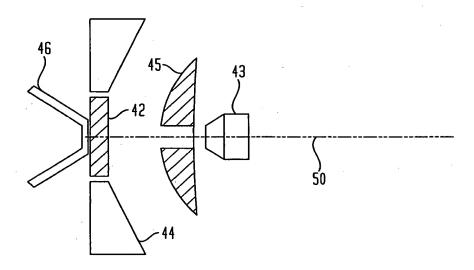






S. JIN 181-2-6-47 2/5

FIG. 3





S. JIN 181-2-6-47 3/5

FIG. 4

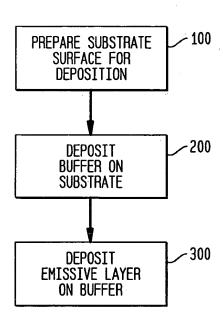
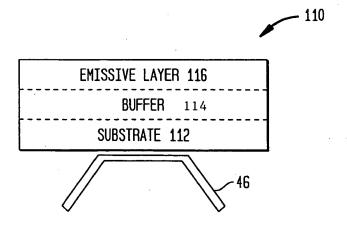


FIG. 5





S. JIN 181-2-6-47 4/5

FIG. 6A

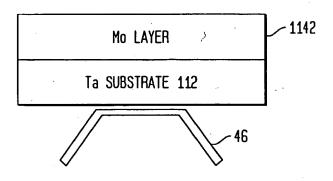


FIG. 6B

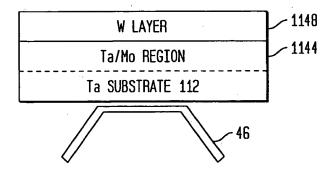
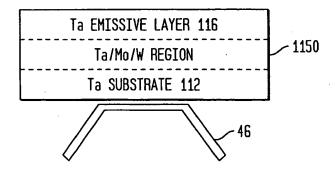


FIG. 6C





S.—JIN 181-2-6-47 - 5/5

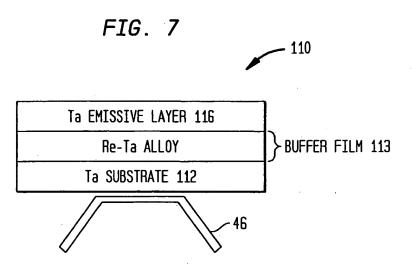


FIG. 8A

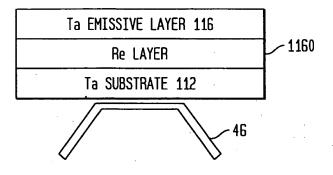


FIG. 8B

| Ta EMISSIVE LAYER 116 | |
|-----------------------|------|
| Ta-Re ALLOY | 1162 |
| Ta SUBSTRATE 112 | |